

CITY COUNCIL AGENDA REQUEST FORM

Today's date: 10 / 09 / 18

Date of meeting 10 / 17 / 18

(City Council meetings are held the 1st and 3rd Wednesday of each month.)

Name of Citizen, Organization, Elected Official, or Department Head making request:

Amanda Wilson, Public Works Director

Address: 1123 Lake Street, Sandpoint, ID 83864

Phone number and email address: 208-263-3411 awilson@sandpointidaho.gov

Authorized by:

Amanda Wilson
name of City official

Amanda Wilson
City official's signature

(Department Heads, City Council members, and the Mayor are City officials.)

Subject: Wastewater Treatment Plant Facility Plan, Final Draft

Summary of what is being requested: Render a decision to approve the WWTP Facility Plan,

Final Draft for submittal to the Idaho Department of Environmental Quality (IDEQ) for their review

and approval.

The following information **MUST** be completed before submitting your request to the City Clerk:

1. Would there be any financial impact to the city? ☒ Yes ☐ No

If yes, in what way? Facility Plan provides detailed cost estimates.

2. Name(s) of any individual(s) or group(s) that will be directly affected by this action:

Citizens of Sandpoint

Citizens/Technical Advisory Committee

Have they been contacted?

Yes or No

Yes

3. Is there a need for a general public information or public involvement plan? **Yes or No**

If yes, please specify and suggest a method to accomplish the plan: ☒ Yes ☐ No

Facility Plan documents the plan and the active engagement since December 2017.

4. Is an enforcement plan needed? **Yes or No** ☒ Yes ☐ No

Additional funds needed? **Yes or No** ☒ Yes ☐ No

5. Have all the affected departments been informed about this agenda item? **Yes or No** ☒ Yes ☐ No

This form must be submitted no later than 6 working days prior to the scheduled meeting. All pertinent paperwork to be distributed to City Council must be attached.

ITEMS WILL NOT BE AGENDIZED WITHOUT THIS FORM

**CITY OF SANDPOINT
AGENDA REPORT**

DATE: October 8, 2018

TO: MAYOR AND CITY COUNCIL

FROM: Amanda Wilson, Public Works Director

SUBJECT: Wastewater Treatment Plant (WWTP) Facility Plan – Final Draft

DESCRIPTION/BACKGROUND:

The City's existing WWTP is at the end of its useful life span. The Idaho Department of Environmental Quality has established rules in Idaho Administrative Code (IDAPA 58.01.16, Part 410) requiring all new and existing municipal wastewater conveyance and treatment facilities in the process of modification or expansion to have a current facility plan. In May of 2017, the City authorized J-U-B ENGINEERS, Inc. (J-U-B) to develop the required facility plan. The facility plan must address hydraulic capacity, treatment capacity, project financing, and operation and maintenance considerations sufficiently to determine the effects of a project on the overall wastewater infrastructure.

The purpose of the facility plan is to provide a comprehensive compilation of the drivers for the development and results of the facility plan for a 20-year period. A Citizens Advisory Committees (CAC) and a Technical Advisory Committees (TAC) were formed to support the planning process and have been actively engaged since August of 2017. City Council was provided an update on the WWTP planning efforts on February 21, 2018. At that time, a variety of technologies were being considered and the challenges associated with Inflow & Infiltration (I/I) were provided by J-U-B.

On July 5th, 2018 a workshop was attended by City Council, staff, J-U-B, and the public where each alternative was discussed in detail. On August 1, 2018 City Council approved preferred Alternative No. 2 with phased improvements plus new technology at the existing site. A draft facility plan was provided to the CAC for review on September 21, 2018 and discussed at a final close-out meeting on September 26, 2018.

The WWTP Facility Plan, Final Draft is now complete. Since the last City Council update, subsequent engineering efforts led to a decrease in the estimated capital costs of all alternatives; Alternative No. 2 is now estimated at \$59.6 - \$74.2 million. The implementation schedule for this Alternative is three-phased. Phase 1 is referred to as "bridge improvements" intended to repair or replace components of the WWTP that are at the highest risk of failure until the existing debt (bond) is paid off in September of 2022. Phase 2 is construction of a new 6.0 MGD plant by the end of 2024. Phase 3 is construction of additional capacity to achieve 100% biological treatment at peak flows; the actual amount of the additional capacity is dependent upon the effectiveness of I/I reduction over the next 7-10 years.

Pending approval by City Council, the Final Draft will be submitted to IDEQ for comment. After incorporating agency feedback, the draft plan will become final plan. The contents of the Final Facility Plan will be incorporated into a comprehensive rate study and serve as a planning tool for future budgeting and further project development.

STAFF RECOMMENDATION:

City staff recommend approving the WWTP Facility Plan, Final Draft for submittal to IDEQ for agency review and approval.

ACTION:

Render a decision to approve the WWTP Facility Plan, Final Draft for submittal to IDEQ.

WILL THERE BE ANY FINANCIAL IMPACT? Yes.

HAS THIS ITEM BEEN BUDGETED? Yes.

ATTACHMENTS:

Wastewater Treatment Plant – Final Draft (September 2018)

No: 18-
Date: October 17, 2018

RESOLUTION
OF THE CITY COUNCIL
CITY OF SANDPOINT

TITLE: WASTEWATER TREATMENT PLANT FACILITY PLAN

WHEREAS: The Idaho Department of Environmental Quality (IDEQ) requires all new and existing municipal wastewater treatment facilities to have a current facility plan when in the process of modification or expansion to their facility;

WHEREAS: On August 1, 2018, Sandpoint City Council adopted Resolution No. 18-45, by choosing Alternative 2 with phased improvements plus new technology at the new site;

WHEREAS: A Citizens Advisory Committee was engaged in the development of the draft facility plan since December 2017;

WHEREAS: The estimated capital costs with Alternative 2 are estimated at \$59.6 million to \$74.2 million;

WHEREAS: Alternative 2 will be three-phased starting with Phase I which are facility improvements to repair and replace components that have the highest risk until Phase 2 when a new 6.0 MGD treatment plant will be constructed by the end of 2024 and Phase 3, if necessary after assessing the effectiveness of infill and infiltration (I&I) reduction over the next seven to ten years, is construction of additional treatment capacity, and;

WHEREAS: City staff recommends City Council approve the final draft of the Wastewater Treatment Plant Facility Plan for submittal to the IDEQ for review and approval.

WHEREAS: The IDEQ approved plan will be incorporated into a comprehensive rate study and serve as a planning tool for future budgeting and project development.

NOW, THEREFORE, BE IT RESOLVED THAT: City Council approves the Wastewater Treatment Plant Facility Plan, a copy of which is attached hereto and made a part hereto as if fully incorporated herein.

Shelby Rognstad, Mayor

ATTEST:

Maree Peck, City Clerk

City Council Members:

YES

NO

ABSTAIN

ABSENT

1. Eddy
2. Aitken
3. Williamson
4. Ruehle
5. Aispuro
6. Darling